

Amendments to the Claims

This listing of claims will replace all prior versions, and listings of claims in the application.

Claims 1-32 (canceled)

Claim 33 (new): A unit dose of a composition, said unit dose comprising between about 0.0018 mg and about 0.45 mg phentolamine mesylate or a molar equivalent of another alpha adrenergic receptor antagonist and a pharmaceutically acceptable carrier for administration to a mammal.

Claim 34 (new): The unit dose of claim 33, comprising between about 0.09 mg and about 0.45 mg phentolamine mesylate or a molar equivalent of another alpha adrenergic receptor antagonist.

Claim 35 (new): The unit dose of claim 33, wherein said composition is a solution formulated for administration to a mammal by injection, infiltration, or topical application.

Claim 36 (new): The unit dose of claim 35, wherein said solution is formulated for topical application to mucosal tissue.

Claim 37 (new): The unit dose of claim 36, wherein said solution is used to impregnate a wafer, pellet, or cotton ball, for application to mucosal tissue.

Claim 38 (new): The unit dose of claim 33, wherein said composition is a gel or a paste formulated for topical administration to a mammal.

Claim 39 (new): The unit dose of claim 38, wherein said composition is formulated for topical application to mucosal tissue.

Claim 40 (new): The unit dose of claim 33, wherein said alpha adrenergic receptor antagonist is selected from the group consisting of phentolamine, phentolamine hydrochloride, phentolamine mesylate, tolazoline, yohimbine, rauwolscine, doxazosine, labetalol, prazosine, tetrazosine and trimazosine.

Claim 41 (new): The unit dose of claim 40, wherein said alpha adrenergic receptor antagonist is phentolamine mesylate.

Claim 42 (new): The unit dose of claim 33, wherein said unit dose is present in a container that fits into a standard dental local anesthetic syringe.

Claim 43 (new): The unit dose of claim 42, wherein said container has a volume of between 1.6 ml and 1.8 ml.

Claim 44 (new): The unit dose of claim 33, wherein the unit dose comprises phentolamine mesylate, said unit dose being present in a container that fits into a standard dental local anesthetic syringe.